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ABSTRACT

Assessment in Adapted Physical Education is no longer the exception, but the rule under the guidelines of Public Law 94-142, the Education for All Handicapped Children Act. Regular physical educators are currently becoming involved in assessment processes and joining school multidisciplinary teams for total profile development of school aged children. The following pages are to serve adapted and regular physical educators in their pursuit of finding appropriate assessment tools. Each tool is referenced by title, area of assessment, population, age, statistical responsibilities and publisher/purchasing agent. Lastly, the selected assessment tools are divided into sections for motor control and areas which are associated with motor control. (Author)

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Assessment Tools for Regular and Adapted Physical Education

Assessment in Adapted Physical Education is no longer the exception, but the rule under the guidelines of P.L. 94-142. Regular physical educators are currently becoming involved in assessment processes and joining school multidisciplinary teams for total profile development of school aged children. The following pages are to serve adapted and regular physical educators in their pursuit of finding appropriate assessment tools. Each tool is referenced by title, area of assessment, population, age, statistical responsibilities and publisher/purchasing agent. Lastly, the selected assessment tools are divided into sections for motor control and areas which are associated with motor control.

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MOTOR ASSESSMENT LIST

AAHPERD Health Related Fitness
AAHPERD Special Fitness Test for Mildly Retarded Person
AAHPERD Youth Fitness
Basic Gross Motor Assessment
Bayley Scales of Infant Development
Bender-Purdue Reflex Test
Bender Visual Motor Gestalt Test
Berry Visual-Motor Integration
Body Image Screening for Blind Children
Brigance Diagnostic Inventory
Bruininks-Oseretsky Motor Proficiency Test
Buell Adaptation of AAPHERD Youth Fitness Test
Cajon Motor Assessment Instrument
Cratty Six-Category Gross Motor Test
Denver Developmental Screening
DeOreo Fundamental Motor Skills Inventory (DFMSI)
Erhardt Developmental Test
Fait Physical Fitness Battery for MR
Fit-N-Dex
Foot-O-Graph
Frostig Developmental Test of Visual Perceptual
Gesell Developmental Schedules
Godfrey-Kephart Movement Pattern Test
I Can Program
Lincoln-Oseretsky Motor Development Scale
McCarthy Screening Test
Mertens Visual Perception Test
Milani-Comparetti Developmental Chart
Motor Fitness Test Manual
Motor-Free Visual Perception Test (MVPT)
Movement Patterns Achievement Profile (MPAP)
Ohio State University Scale of Intra Gross Motor Assessment (OSU-SIGMA)
Oregon Data-Based Physical Education Program
Peabody Developmental Motor
Portage Guide
Project A.C.T.I.V.E. Motor Ability Test
Project Unique
Rarick-Factor Structure of MR
Riley Motor Problems Inventory, Revised (RMPI)
Skan-a-Graf Permagrid
Southern California Sensory Integration Test
Stott-Moyes-Henderson Test
Test of Gross Motor Development (TGMD)
Southern California Post-Rotary Nystagmus Test (SCPNT)
Valett Developmental Survey of Basic Learning Ability
Vinland Adaptive Behavior Scales
Wepman Spatial Orientation Memory

General Motor Skills

Bruininks-Oseretsky Motor Proficiency

POPU: General, age 4½ to 14½ yrs.

AREA: Gross motor composite (basic gross motor skills, coordination, balance, rhythm)

Fine motor composite (manual dexterity and manipulation)

STAT: Reliability = .60 to .89
Validity = .57 to .78

PUBL: American Guidance Service

ADDR: Publishers Building
Circle Pines, MN. 55014

Ohio State University Scale of Intra Gross Motor Assessment (OSU-SIGMA)

POPU: Preschool to 14 yrs.

AREA: Gross motor skills (locomotor, general control, object projection and object manipulation)

STATS: Reliability = .50-.91
Validity = not reported

PUBL: Loovis, E. M., Doctoral Dissertation - OSU
University Microfilms #76-3485

ORDERING: Mohican Publishing Co.,
P.O. Box 295
Loudonville, OH 44842

DEOREO Fundamental motor Skills Inventory (DFMSI)

POPU: Preschool and early elementary

ARE: Gross motor skills, locomotor and manipulative

STAT: Not available

PUBL: Unpublished manuscript

ADDR: Kent State University, Dept. HPER
Kent, Ohio 44240

I Can Program
I Can Fundamental Skills Test

POPU: Motor performance of elementary students of any age

AREA: Gross motor, locomotor, object control, rhythm, object projection

STAT: Not available

PUBL: Hubbard Scientific Co.
P.O. Box 104
Northbrook, IL 66062

Riley Motor Problems Inventory, Revised (RMPI)

*formerly called - Motor Problems Inventory

POPU: ages 4-9, normal and slowly developing

AREA: Gross, fine motor, oral motor, balance

STAT: Reliability = .77-.91
Validity = .41-.92

PUBL: Western Psychological Services
12031 Wilshire Blvd.
Los Angeles, CA 90025

Stott-Moyes-Henderson Test of Motor Impairment

POPU: Ages 5-16 yrs, normal, slowly developing

AREA: Balance, gross motor, fine motor

STAT: Validity = .85 w/teacher assessment
Reliability: .91-.99 test-retest

PUBL: Brook Educational Publishing Ltd.
Box 1171
Guelph, Ontario, Canada NIH-6N3

Southern California Sensory Integration Test

POPU: 4-10 yrs. normal and slowly developing children

AREA: Space visualization, motor skills, balance, vestibular, coordination, tactile kinesthesis

STAT: Reliability = .67-.92
Validity = not reported

PUBL: Western Psychological Service
12031 Wilshire Blvd.
Los Angeles, CA 90025

Lincoln-Oseretsky Motor Development Scale

POPU: Age 6 to 14 yrs.

AREA: Gross motor and fine motor (coordination, rhythm, speed, dexterity, balance and manual coordination)

STAT: Reliability = .96
Validity = not available

PUBL: American Guidance Service, Inc.
Publisher's Building, Circle Pines,
Minnesota 55014

Basic Gross Motor Assessment

POPU: Ages 5.6 - 12.6 yrs, children with minor motor problems

AREA: Developmental delays in gross motor performance, balance, manipulative skills

STAT: Validity = not reported
Reliability = .59 to .79

PUBL: G. E. Miller Inc.
P. O. Box 266
484 S. Broadway
Yonkers, N.Y. 10705

Valett Developmental Survey of Basic Learning Ability

POPU: Ages 2-7 yrs.

AREA: Gross motor, fine motor, visual perception, language and conceptual development

STAT: Reliability and validity = not reported

PUBL: Consulting Psychologists Press, Inc.
577 College Ave.
Palo Alto, CA 94306

Test of Gross Motor Development (TGMD)

POPU: Ages 3-10 yrs., normal and delayed development

AREA: General gross motor, locomotor, and manipulative

STAT: Reliability - .84-.99
Validity = not reported

PUBL: Pro-Ed Publishing Co.
5341 Industrial Oaks Blvd.
Austin, TX 78735

Movement Patterns Achievement Profile (MPAP)

POPU: Children ages 2½-5 yrs. with physical handicaps

AREA: General gross motor, developmental skills, locomotor manipulatives, balance, body image

STAT: Reliability = .46-.87
Validity = not reported

PUBL: AAHPERD Publications
1900 Association Drive
Reston, VA 22091

Motor Skills/Atypical Populations

Cratty Six - Category Gross Motor Test

POPU: Normal 4-16 yrs., EMR 5-20 yrs., TMR 5-24 yrs.

AREA: Body, gross motor, locomotor, balance, throwing, tracking

STAT: Reliability = .91 test-retest
Validity = not available

PUBL: Charles C. Thomas
301-27 E. Lawrence Avenue
Springfield, IL 62717

Fait Physical Fitness Battery for MR

POPU: EMR 9-20 yrs., TMR

AREA: Fitness, balance, agility

STAT: Not available

PUBL: W. B. Saunders
West Washington Square
Philadelphia, PA 19105

Godfrey-Kephart Movement Pattern Test

POPU: Normal and Atypical Children

AREA: Gross motor control

STAT: Reliability and validity

PUBL: Appleton-Century-Crofts
292 Madison Avenue
New York, NY 10017

Oregon Data-Based Physical Education Program

POPU: Severely Handicapped

AREA: Gross motor

STAT: Reliability and validity - not reported

PUBL: John M. Dunn
Dept. of P.E.
Oregon St. University
Corvallis, OR 97331

Rarick-Factor Structure of MR

POPU: MR ages 6 to 21 yrs.

AREA: Gross motor, fine motor

STAT: Not available

PUBL: Dept. of Physical Education
University of California
Los Angeles, CA 90025

Project A.C.T.I.V.E. Motor Ability Test

POPU: Ages 4 to 8 years, handicapped

AREA: Motor ability factors

STAT: Validity = not available
Reliability = .34-.94

ORDERING: VEE Inc.
P.O. Box 2093
Neptune City, N.J. 07753

or Project ACTIVE
Township of Ocean School Dist.,
163 Monmouth Road
Oakhurst, N.J. 07755

Vinland Adaptive Behavior Scales

POPU: Mentally retarded, applicable to handicapped and non-handicapped, birth to adult.

AREA: General assessment of gross motor, fine motor, communication, daily living skills and socialization

STAT: Reliability = .83-.99
Validity = not reported

PUBL: American Guidance Services
Publishers' Building
Circle Pines, MN 55014

Cajon Motor Assessment Instrument

POPU: All handicapping conditions

AREA: Gross motor

STAT: Not available

PUBL: Cajon Valley Union School District
Special Education Dept.
189 Roanoke Rd.
El Cajon, Calif. 92022

Developmental Motor Control

Gesell Developmental Schedules

POPU: Age 4 weeks - 6 yrs

AREA: Motor, adaptive, language, personal-social

STAT: Reliability = .90-.99
Validity = .86

PUBL: Psychological Corporation

ADDR: 757 Third Avenue
New York, N.Y. 10017

McCarthy Screening Test

POPU: Children age 2.5 - 14 yrs. considered to be "at risk."

AREA: Right/left orientation, verbal memory, draw a design, numerical memory, conceptual grouping, leg coordination

STAT: Reliability = .52-.80
Validity = not reported

PUBL: The Psychological Corporation
757 Third Avenue
New York, N.Y. 10017

Bayley Scales of Infant Development

POPU: Normal and atypical ages - 2 months to 2½ years

AREA: Mental and motor scales, infant behavior record

STAT: Reliability = .88 mental scale
.84 motor scale
Validity of motor, mental scale: not reported

PUBL: The Psychological Corporation
757 Third Avenue
New York, New York 10017

Denver Developmental Screening

POPU: Delayed development, age birth to 6 yrs.

AREA: Gross motor, fine motor, language, personal-social

STAT: Reliability = .66-.93
Validity = .87

PUBL: Publishing Foundation, Inc.
East 51st Avenue and Lincoln Street

ORDERING: Ladoca Project & Publishing Foundation, Inc.
East 51st Ave. & Lincoln St.
Denver, CO 80216

Portage Guide

POPU: General ages 0-6 yrs.

AREA: Gross motor, fine motor, language, developmental skills

STAT: Reliability and validity = not reported

PUBL: Portage Project CESA 12
P.O. Box 564
Portage, WI 53901

Peabody Developmental Motor

POPU: Age Birth - 7 yrs.
1. Determine unique motor strengths and weaknesses

AREA: Gross and fine motor

STAT: Reliability = gross motor = .95
fine motor = .80
Validity = not available

PUBL: DLM Teaching Resources
P.O. Box 4000
One DLM Park
Allen, TX 75002

Brigance Diagnostic Inventory

POPU: Ages 0 - 7 years

AREA: Psychomotor, pre-ambulatory motor skills, gross motor, fine motor, general knowledge, early academic skills, speech and language

STAT: Not reported

PUBL: Curriculum Assoc. Inc.
5 Esquire Road
North Billerica, MA 01862

Related Areas to Motor Control

Southern California Postrotary Nystagmus Test ((SCPNT)

POPU: Early childhood

AREA: Vestibular function

STAT: Reliability = .83
Validity = not available

PUBL: Western Psychological Services Publ.
12031 Wilshire Blvd.
Los Angeles, CA 90025

Skan-a-Graf Permagrid

POPU: Ages: all

AREA: Posture, structural deviation

STAT: Reliability and validity = not reported

PUBL: Reedco Inc.
5 Easterly Ave.
Auburn, N.Y. 13021

Foot-O-Graph

POPU: All ages

AREA: Posture, balance, and weight bearing

STAT: Reliability and validity = not reported

PUBL: Saperston Laboratories, Inc.
200 W. Monroe Street
Chicago, IL 60606

Bender - Purdue Reflex Test

POPU: Ages 6 to 12 years

AREA: Tests for signs of Symmetric Tonic Neck Reflex Immaturity

STAT: Reliability and validity = not reported

PUBL: Academic Therapy Publishers
200 Commercial Boulevard
Novato, CA 94947

Milani - Comparetti Developmental Chart

POPU: Relfex, development for gross motor control

STAT: Not available

PUBL: Crace Rossa Italiana
Di Cameratz, Firenze
Comitato Provinciate De Firenze
Via DiCamerata 8,50133 Firenze

Body Image Screeing Blind Children

POPU: Blind children, age 8 to 19 yrs.

AREA: Body laterality, directionality

STAT: Not available

PUBL: American Foundation for the Blind
15 W. 16th Street
New York, New York 10011

Erhardt Developmental Test

POPU: Ages birth to 2 yrs. and 1-6 yrs

AREA: Grasp, manipulation, fine motor control

STAT: Reliability and validity - none reported

PUBL: Prehension Assoc.
Ransco Publishing Co.

Fitness

AAHPERD Health Related Fitness

POPU: Normal, age 8-18 yrs.

AREA: General fitness (cardiovascular, body composition, abdominal - low back)

STAT: Rel. = .80 to .95, validity not reported

PUBL: AAHPERD
1900 Association Dr.
Reston, VA 22091

AAHPERD Youth Fitness

POPU: Normal

AREA: General fitness (strength, agility, cardiovascular and power)

STAT: not available

PUBL: AAHPERD
1900 Association Dr.
Reston, VA 22091

Motor Fitness Test Manual

POPU: Moderate MR, age 6-20

AREA: General fitness (strength, agility, cardiovascular and power)

STAT: Rel. = .80
Validity - not reported

PUBL: AAHPERD
1900 Association Dr.
Reston, VA 22091

AAHPERD Special Fitness Test for Mildly Retarded Persons (adaptation of AAHPERD Youth Fitness)

POPU: Mild MR, age 8-18

AREA: General fitness (endurance, agility, power, speed and cardiovascular level)

STAT: Reliability and validity: not reported

PUBL: AAHPERD
1900 Association Dr.
Reston, VA 22091

Fit-N-Dex

POPU: Normal

AREA: General fitness (cardiovascular, flexibility, strength percent body fat)

STATS: Not available

PUBL: Cramer Software Group

ADDR: Cramer Products, Inc.
P.O. Box 1001
Gardner, KS 66030

Fitness

Buell Adaptation of AAHPERD Youth Fitness Test

POP: Blind, 10 - 17

AREA: General fitness (cardiovascular, speed, strength, flexibility, skills and coordination)

STATS: Not available

PUBL: AAHPERD
1900 Association Dr.
Reston, VA 22091

Fait Physical Fitness Battery For Mentally Retarded

POP: Mild and moderate retardation, ages 9 - 20

AREA: General fitness (cardiovascular, speed, strength, flexibility, balance and agility)

STATS: Available from publisher

PUBL: Fait, H. F. and Dunn, L. M.
Oregon State University
HPER Department
Corvallis, Oregon

Project Unique: Physical Fitness Test

POPU: Sensory, Orthopedically Handicapped ages 10-18 yrs.

AREA: Health, agility, fitness, motor skills

STAT: Reliability and validity - not reported

PUBL: St. Univ. of New York
College at Brockport
Brockport, N.Y. 14420

Vision/Visual Perception

Developmental Test of Visual-Motor Integration

POPU: Ages 2-8, 2-15 (2 levels)

AREA: Long form - 24 geometric forms, arranged in order of increasing difficulty

STAT: Reliability = .93
Validity = not reported

PUBL: Follett Educational Corp.
1010 W. Westington Blvd.
Chicago, Ill. 60607

Mertens-Visual Perception Test

POPU: Grades early elementary

AREA: Visual perception, design copying, reproduction, design completion spatial recognition, visual memory

STAT: Reliability .52 to .86
Validity = not reported

PUBL: Western Psychological Services
12031 Wilshire Blvd.
Los Angeles, CA 90025

Bender Visual Motor Gestalt Test

POPU: Ages 3 yrs. - adult, normal and atypical

AREA: Assesses the visual-motor functions.
The test is also used in the evaluation of developmental problems in children, learning disabilities, retardation, psychosis, and organic brain disorders.

STAT: Not available

PUBL: American Orthopsychiatric Assoc.
Western Psychological Services
12031 Wilshire Blvd.
Los Angeles, CA 90025

Frostig Developmental Test of Visual Perception

POPU; Age 4-8 yrs.

AREA: Visual Perception (Visual motor, figure-ground, form constancy, position in space, spatial relations)

STAT: Reliability = .69 to .80
Validity = .50 to .82

PUBL: Stoelting Co.
1350 S. Kostner Ave.
Chicago, IL 60623

Vision/Visual Perception

Motor-Free Visual Perception Test (MVPT)

POPU: Ages 4 to 8 years (5-7 yrs)

AREA: Visual perceptual processing ability in children, kinesthetic awareness

STAT: not available

PUBL: Western Psychological Services
12031 Wilshire Blvd.
Los Angeles, CA 90025

Wepman Spatial Orientation Memory

POPU: Ages 7 years to adult

AREA: Spatial memory

STAT: Reliability = .65 to .80
Validity = not available

PUBL: Language Research Assoc. Inc.
P.O. Box 2085
Palm Springs, CA 92246